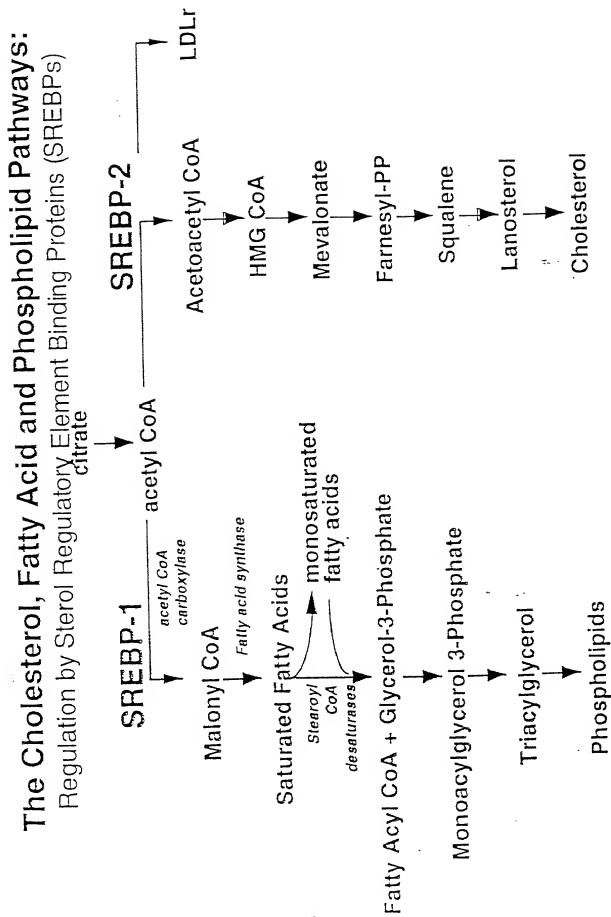
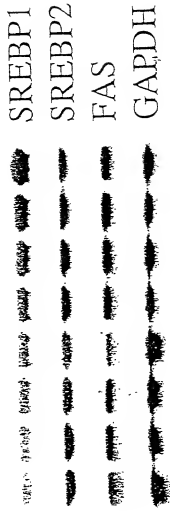


Figure 1



[illegible]

24,25 epoxy-cholesterol activates SREBP1 in different cell lines

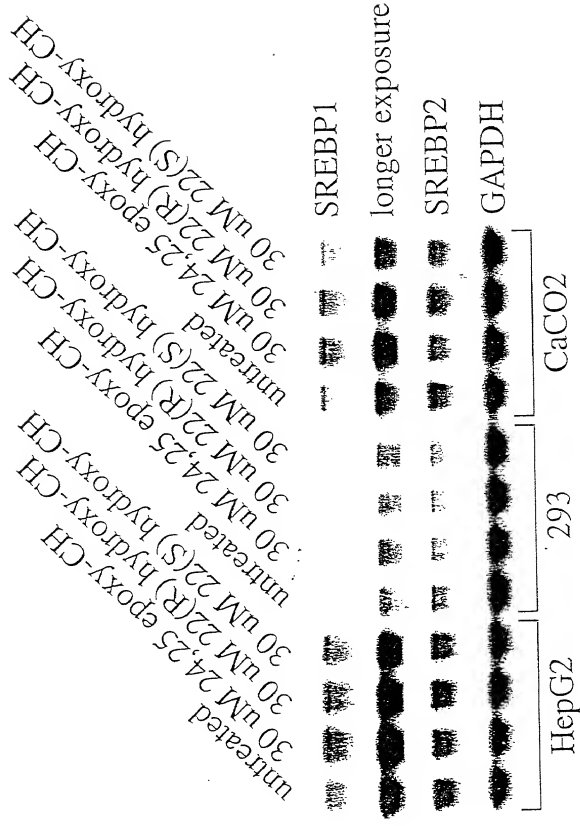
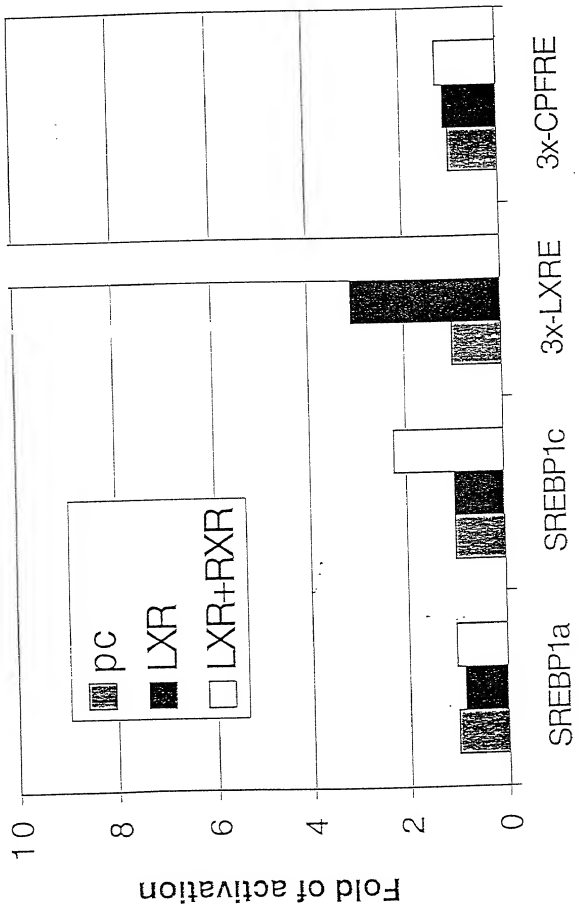


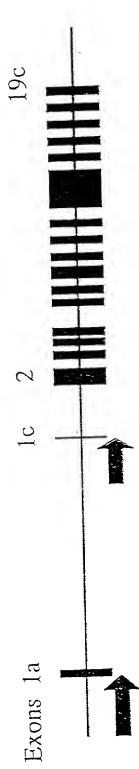
Figure 4

102050' 06481860

293 transient transfection



LXR sites on SREBP1



Human SREBP1c promoter

CATGTGGGACCTGCCCTGGCAATGGAAGGGGCTTGGGGTGGAGGTGTCCTGGCCCCAGCACATGCCACACCCCTCGGT
 ACCCTTGACCTCACCTTTTGGCGCTCTGGAGGGCAGAACCTCTGAGCCAGCTCTGAGCCATATAGACCCCTACCTCTAT
 TTCTGGGAACCTGCCCTGCCCTGCTATCTCTGAGCCCTGCCCTTCCCCCMAAGCCATCATAGACCCCTACCTCTAT
 CCAGATGGAGCCTGGCCATGGAAATGCTTTGGGGTGAGAGGAGCCCATAGCGGCCTCCGGCATTTGTAGGGGGCTAGGTGG
 TGCTTGCAGAGGGCCCCACCTGTGGCAGGGTTTACATGCCGCCACCCCTGCCCTTGGGTAGCTGGGGTCAAGAGGG
 CCTGAGGCCCTCACCTCTCTGCAATCTTTAGTTTCTTTACATCTMAATGCTATTCATATGCCCTGAGGGTGGTTGGGG
 CCTCCGTGCAGTATGTGGAGAGAGCCCTTTCAGCCAGAGAGCCCCCATATGCTTTAAACATCCAGACACCAAGGGCCACTCA
 CAGACAGCAGCGGCTTGTGTTTTCGTCTATCCCTTTTGGGTGTCAGGAACCTGGGGACGCTGGACCTCCAGATCTCCAGAGGGCC
 ATCCACAGACTAGGGGGAGAGGGCCCTCAGCCCCTGAGCTGAAATTCATGAATMAACCCAGGGCCCCACCTCCC
 AGCATGGGCAAGGGGGTATGGGCCATCGGCTTGGACGCCCCAGGGCGGGCCAGATCGGGAGGCCATGGATTGCA
 CTTTCGAAGgtatttttggaggcctccac

Figure 6

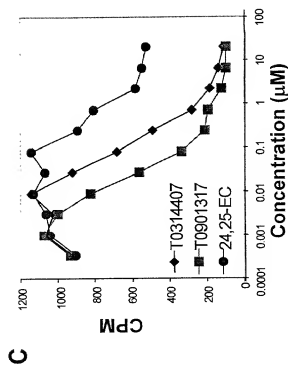
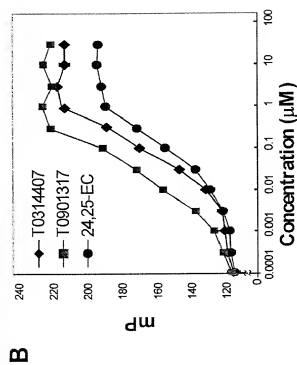
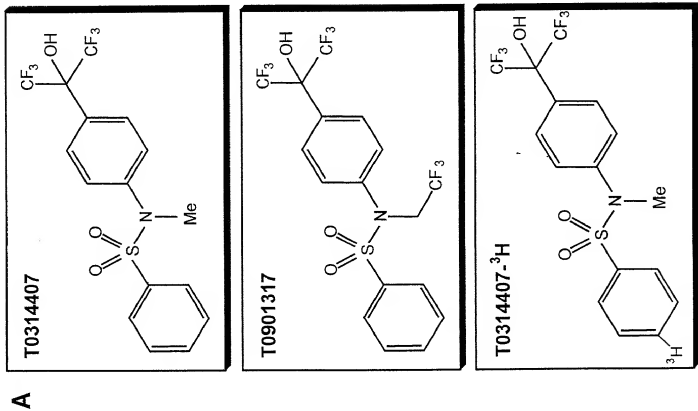


Figure 7

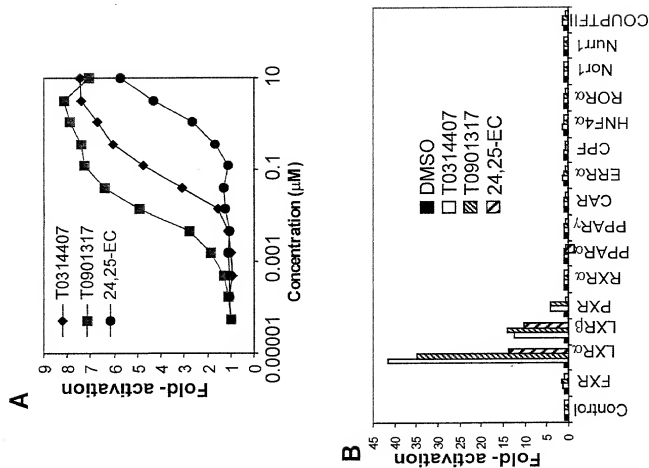
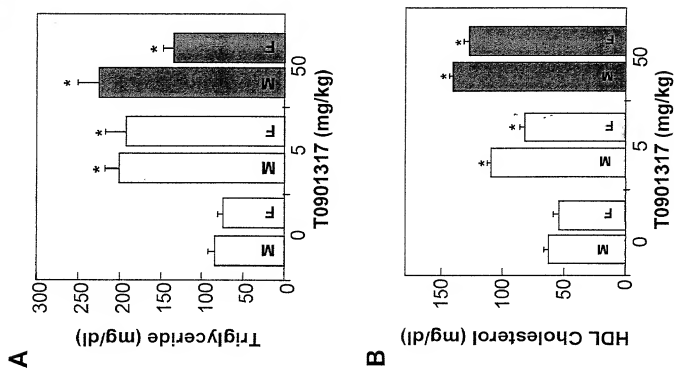
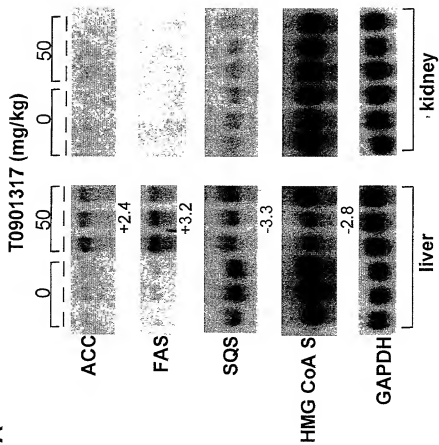


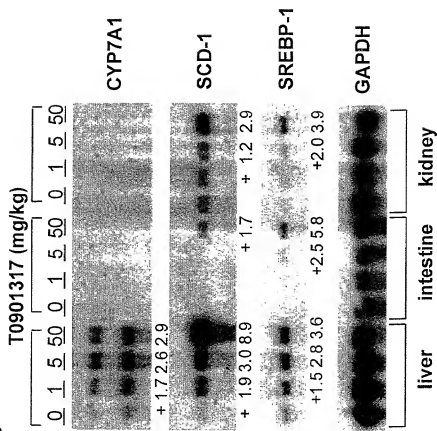
Figure 8



A



B



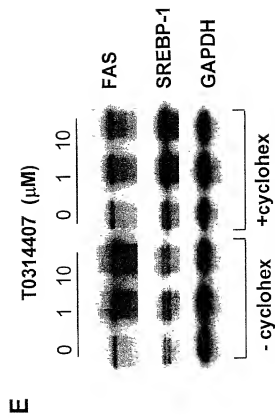
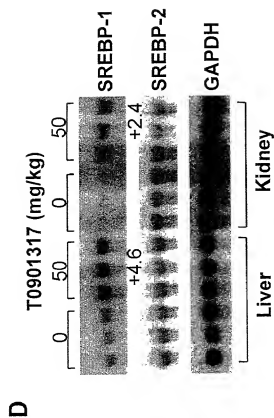
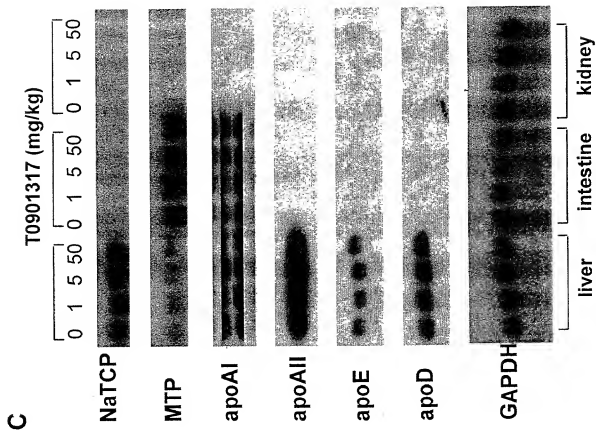


Figure 10

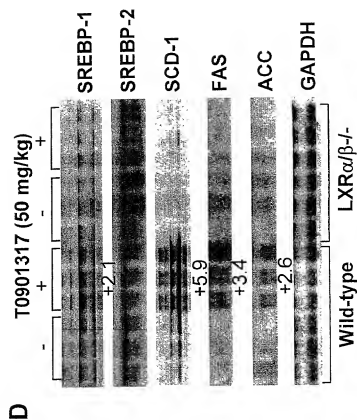
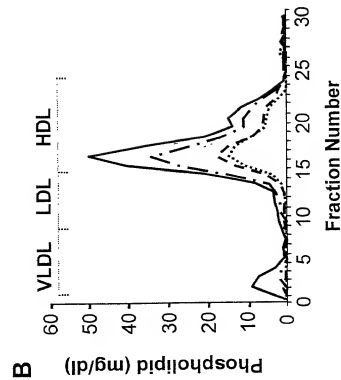
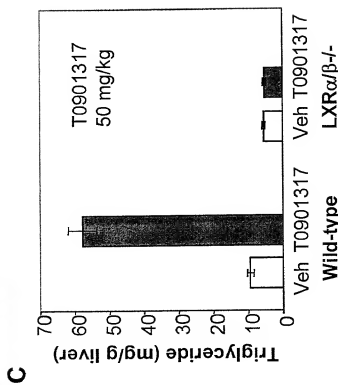
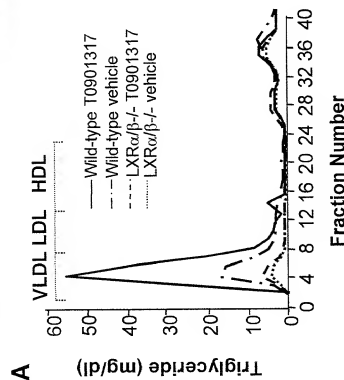


Figure 11

Supplementary Table 1. The sequence of PCR primers used for amplifying mouse cDNA probes

cDNA Probe	Primer Set	Primer Sequence	PCR Product Length
acetyl CoA carboxylase	5'	TACCTGTGGGACAGCAACCA	521
	3'	TGGTCGACAGCAAGGGAA	
fatty acid synthase	5'	CCCGATGGGGTTTCATC	493
	3'	GATCCCTCTGGGTGTCC	
squalene synthase	5'	CGTCAGTGCTTGAATGAAC	288
	3'	TTGGGATCCGGTGATAAAT	
HMG CoA synthase	5'	CCCAGCAGAGGTTTTCTACAA	1285
	3'	AATTCCTCAGGGGACATGC	
SREBP-1	5'	TCA ACAACCAAGACAGTACATCCCTGGCC	1028
	3'	GTTCTCCTGCTTGAGCTTCTGGTTGCTGTG	
NTCP	5'	AGCAAGATCAAGGCTCACTTCT	405
	3'	ATAGTGTGGCCTTTTGGACTTC	
MTP	5'	TTCTCTGCTTCTTCTCCTCCTA	403
	3'	GGCTCGTTTTTCATAGGAGTAGA	
ApoA-I	5'	GGCAGAGACTATGTGCCAGTTTGA	564
	3'	GTCATCCAGCGCGGTTTGGCCTTCTC	
ApoA-II	5'	ATAGTCTGCCATCATGAAGCTG	406
	3'	GAGAAAACAGGCAGAAGGTAGG	
ApoE	5'	CCGTGCTGTTGGTCACATT	1014
	3'	TTATTAAAGCAAGGGCCACCA	